


O I P E  
APR 07 2005  
INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

**Complete if Known**

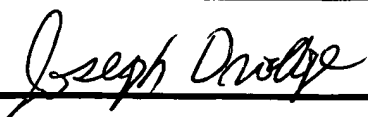
Application Number	10/771,752
Filing Date	2/4/2004
First Named Inventor	Pinto
Group Art Unit	1723
Examiner Name	Unknown
Attorney Docket Number	UPR-3000

Sheet 1 of 2

**OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

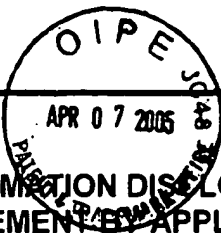
OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS		
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTER), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page (s), volume-issue number(s), publisher, city and/or country where published.
	CA	C. K. CHIANG, C. R. FINCHER, JR., Y. W. PARK, A. J. HEEGER, H. SHIRAKAWA, E. J. LOUS, S. C. GAU, and ALAN G. MACDIARMID; <i>Electrical Conductivity in Doped Polyacetylene</i> ; <u>Physical Review Letters</u> ; 1977; Vol. 39, No. 17; pp 1098-1101; USA
	CB	JIN-CHIH CHIANG and ALAN G. MACDIARMID; <i>'Polyaniline': Protonic Acid Doping of the Emeraldine Form to the Metallic Regime</i> ; <u>Synthetic Metals</u> ; 1986; pp 193-204; USA
	CC	H. H. S. JAVADI, F. ZUO, K. R. CROMACK, M. ANGELOPOULOS, A. G. MACDIARMID, and A. J. EPSTEIN; <i>Charge Transport in the "Emeraldine" Form of Polyaniline</i> ; <u>Synthetic Metals</u> ; 1989; pp E409-E416; USA
	CD	F. ZUO, M. ANGELOPOULOS, A. G. MACDIARMID, A. J. EPSTEIN; <i>ac conductivity of emeraldine polymer</i> ; <u>Physical Review B</u> ; 1989; Vol. 39, No. 6; pp 3570-3578; USA
	CE	YONG CAO, PAUL SMITH, and ALAN J. HEEGER; <i>Counter-ion induced processibility of conducting polyaniline and of conducting polyblends of polyaniline in bulk polymers</i> ; <u>Synthetic Metals</u> ; 1992; pp 91-97; USA
	CF	Y. Z. WANG, J. JOO, C. H. HSU, J. P. POUGET, A. J. EPSTEIN; <i>Charge Transport of Hydrochloric Acid Doped Polyaniline and Poly(o-toluidene) Fibers: Role of Processing</i> ; <u>Macromolecules</u> ; 1994; 27; pp 5871-5876; USA
	CG	CHUEN-GUEY WU, THOMAS BEIN; <i>Conducting Carbon Wires in Ordered, Nanometer-Sized Channels</i> ; <u>Science</u> ; Vol. 266, No. 5187; 1994; pp 1013-1015; USA
	CH	HSUN-TSING LEE, KUEN-RU CHUANG, SHOW-AN CHEN, PEI-KUEN WEI, JUI-HUNG HSU, and WUNSHAIN FANN; <i>Conductivity Relaxation of 1-Methyl-2-pyrrolidone-Plasticized Polyaniline Film</i> ; <u>American Chemical Society</u> ; 1995; 28; pp 7645-7652; China
	CI	R. S. KOHLMAN, A. ZIBOLD, D. B. TANNER, G. G. IHAS, T. ISHIGURO, Y. G. MIN, A. G. MACDIARMID, and A. J. EPSTEIN; <i>Limits for Metallic Conductivity in Conducting Polymers</i> ; <u>Physical Review Letters/The American Physical Society</u> ; 1997; Vol. 78, No. 20; pp 3915-3918; USA
	CJ	ALAN G. MACDIARMID, YAO ZHOU, and JING FENG; <i>Oligomers and isomers: new horizons in poly-anilines</i> ; <u>Synthetic Metals</u> ; 1999; pp 131-140; USA
	CK	ALDO J. G. ZARBIN, MARCO-A. DE PAOLI, OSWALDO L. ALVES; <i>Nanocomposites glass/conductive polymers</i> ; <u>Synthetic Metals</u> ; 1999; pp 227-235; USA
	CL	NICHOLAS J. PINTO; ANGEL A. ACOSTA; GHANSHYAM P. SINHA, and FOUAD M. ALIEV; <i>Dielectric permittivity study on weakly doped conducting polymers based on polyaniline and its derivatives</i> ; <u>Synthetic Metals</u> ; 2000; pp 77-81; USA
	CM	A. N. PAPATHANASSIOU; <i>The power law dependence of the a.c. conductivity on frequency in amorphous solids</i> ; <u>Journal of Physics D: Applied Physics</u> ; 2002; pp L88-L89

Examiner Signature



Date Considered






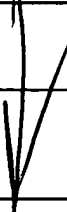

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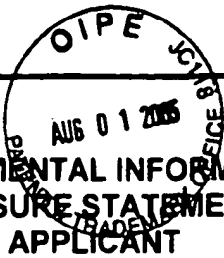
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Group Art Unit	1723
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Sheet 2 of 2

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	CN	J. Y. SHIMANO, and A. G. MACDIARMID; <i>Phase segregation in polyaniline: a dynamic block copolymer</i> , <u>Synthetic Metals</u> ; 2001; pp 365-366; USA
	CO	JAMES Y. SHIMANO and ALAN G. MACDIARMID; <i>Polyaniline, a dynamic block copolymer: key to attaining its intrinsic conductivity</i> ; <u>Synthetic Metals</u> ; 2001; pp 251-262; USA
	CP	A. N. PAPATHANASSIOU, J. GRAMMATIKAKIS, S. SAKKOPOULOS, E. VITORATOS, E. DALAS; <i>Localized and long-distance charge hopping in fresh and thermally aged conductive copolymers of polypyrrole and polyaniline studied by combined TSDC and dc conductivity</i> ; <u>Journal of Physics and Chemistry of Solids</u> ; 2002; pp 1771-1778; Greece
	CQ	
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Examiner Signature		Date Considered	4-1-2006
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**SUPPLEMENTAL INFORMATION  
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Application Number	10/771,752
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MD	EA	A. P. MONKMAN and P. ADAMS; <i>Optical and electronic properties of stretch-oriented solution-cast polyaniline films</i> ; <u>Synthetic Metals</u> ; 1991; pp 87-96; United Kingdom
	EB	
	DC	
	ED	
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	EG	
	EH	
	EI	
	EJ	
	EK	
	EL	

Examiner  
Signature

*Joseph Dredge*

Date  
Considered

*8-1-2006*



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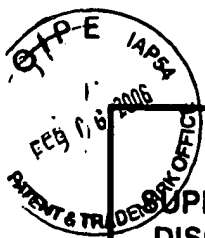
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awd	DA	A. K. JONSCHER; <i>Dielectric relaxation in solids</i> ; <u>Chelsea Dielectrics Press Ltd.</u> ; 1983; pp 96-99; London
	DB	R. DIAZ CALLEJA, E. S. MATVEEVA, V. P. PARKHUTIK; <i>Electric relaxation in chemically synthesized polyaniline: study using electric modulus formalism</i> ; <u>Journal of Non-Crystalline Solids</u> ; 1995; pp 260-265; USA
	DC	
	DD	
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	DF	
	DG	
	DH	
	DI	
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	DK	
	DL	

Examiner Signature		Date Considered	7/20/06
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	FA	R. RICHERT and A. BLUMEN; <i>Disorder Effects on Relaxational Processes</i> ; Springer-Verlag; pp 309-311; USA
	FB	S. HAVRILIAK and S. NEGAMI; <i>A Complex Plane Analysis of <math>\alpha</math>-Dispersions in Some Polymer Systems</i> ; <u>Journal of Polymer Science</u> ; 1966; pp 99-117; USA
	FC	B. K. P. SCAIFE; <i>Principles of Dielectrics</i> ; Clarendon Press; 1989; pp 104-107; UK
	FD	BETZAIDA BATALLA, GHANSHYAM SINHA and FOUAD ALIEV; <i>Dynamics of Molecular Motion of Nematic Liquid Crystal Confined in Cylindrical Pores</i> ; <u>Mol. Cryst. Liq. Cryst.</u> ; 1999; pp 121-128; USA
	FE	
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	FG	
	FH	
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